

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **10-200536**

(43)Date of publication of application : **31.07.1998**

(51)Int.Cl.

**H04L 12/28**

**H04L 12/44**

**H04M 3/00**

**H04Q 3/00**

**H04Q 7/22**

**H04Q 7/28**

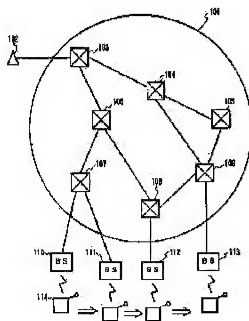
(21)Application number : **09-002363**

(71)Applicant : **TOSHIBA CORP**

(22)Date of filing : **09.01.1997**

(72)Inventor : **TSUNODA KEIJI  
TAKAHATA YOSHIKI**

## (54) NETWORK SYSTEM



(57)Abstract:

**PROBLEM TO BE SOLVED:** To reasonably apply a hands-off function of a mobile terminal to a network of an existing fixed terminal by performing a multi-point tree addition operation of an accepting node, etc., at a moving destination of the mobile terminal as a leaf to a connection, in order to maintain communication when the mobile terminal is performed hand-off. **SOLUTION:** A mobile terminal 114 starts to communicate with a fixed terminal 102, when it is in an area of a radio base station 110. Later, when the terminal 114 successively moves to areas of radio base stations 111 to 113, and when the terminal 114 is performed hands-off, a node 107 which is a moving destination of the terminal 114 becomes a leaf and changes an internal route to be a multi-point connection. Then a multi-point tree is added from the node 107 to the connection to continue communication. Then, the hands-off

function of the terminal 114 is reasonably applied to an existing network.